

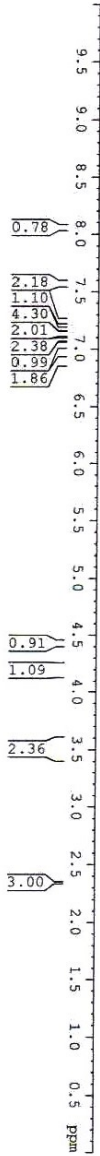
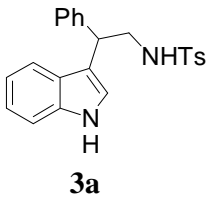
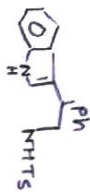
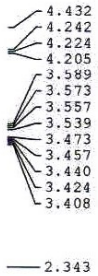
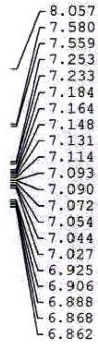
Supporting Information

Organocatalysis by an aprotic imidazolium zwitterion: regioselective ring-opening of aziridines and applicable on gram scale synthesis

Nirrita Chakraborty Ghosal, Sougata Santra, Sudarshan Das, Alakananda Hajra, Grigory V. Zyryanov, and Adinath Majee*

Contents

Copies of ^1H & ^{13}C NMR Spectra of all compounds 3	S2-S43
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Current Data Parameters
 NAME Dr. A HAURA 2014
 EXPNO 1289
 F2 - Acquisition Parameters
 Date_ 20141218
 Time 17:45
 INSTRUM spect
 PROBRD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 24
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 62.69
 DW 60.800 usec
 DE 5.50 usec
 TE 295.6 K
 D1 1.00000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUCL 1H
 P1 14.75 usec
 PLM1 11.9949989 W
 SFO1 400.1524711 MHz

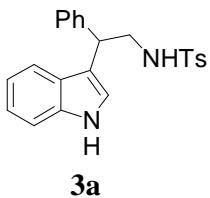
F2 - Processing parameters
 SI 16384
 SF 400.1500450 MHz
 SSB EM
 GB 0
 PC 1.00

- 143.59
- 141.14
- 136.84
- 136.61
- 129.86
- 128.87
- 128.08
- 127.23
- 127.13
- 126.56
- 122.48
- 122.16
- 119.72
- 119.24
- 115.61
- 111.43

- 77.48
- 77.16
- 76.84

- 47.56
- 42.74

- 21.66



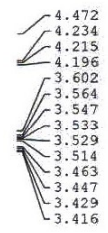
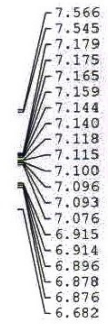
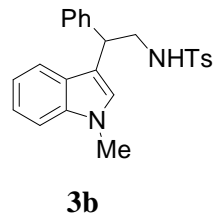
Current Data Parameters
 NAME VBNC-158
 EXPNO 1290
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 2014.12.21
 Time 18.21
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 320
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6816244 sec
 SFO 500.136444 MHz
 LW 20.800 usec
 DE 6.50 usec
 TE 296.5 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TD0 1

===== CHANNEL F1 =====
 NU1 13C
 PL1 8.90 usec
 PL2 54.00000000 usec
 SFO1 100.6278588 MHz

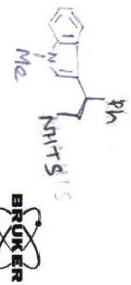
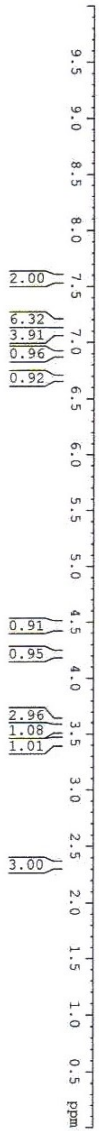
===== CHANNEL F2 =====
 CPDPRG2 waltz16
 PC 1.40
 F2 100.6278588 MHz
 NU2 1H
 PL2 80.10 usec
 PL3 12.00000000 usec
 PL4 0.407792999 W
 PL5 0.26107001 W
 SF02 400.1516006 MHz

F2 - Processing parameters
 SI 16384
 SF 100.6177850 MHz
 WDW EM
 SSB 0
 GB 0
 PC 1.00 Hz





2.331



Current Data Parameters
NAME DL_A_HA01A_214
EXPNO 1320
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141228
Time_ 15.42

INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30

TD 32768
SOLVENT CDCl3

NS 24
DS 2

SWH 8223.685 Hz
FIDRES 0.250967 Hz

AQ 1.9923444 sec
RG 40.67

DM 60.80 usec
DE 4.50 usec

TE 29.5 K
D1 1.00000000 sec

TDO 1

===== CHANNEL f1 =====
NUC1 1H
PI 14.75 usec
PLM1 11.9949989 W
SFO1 400.1524711 MHz

F2 - Processing Parameters
SI 16384
SF 400.1500554 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
FC 1.00

143.49
141.29
137.32
136.86
129.80
128.82
128.02
127.22
127.04
126.97
126.83
122.03
119.30
119.22
114.03
109.46

77.48
77.16
76.85

47.59
42.67
32.83
21.63



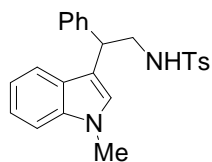
Current Data Parameters
NAME B1-A18VBA-2014
EXPNO 1321
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140226
Time 16:09
INSTRUM spect
PROBHD 5 mm PWBH BB/
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 512
DS 2
SWH 24038.461 Hz
FIDRES 0.681324 Hz
RG 40.67 sec
DW 20.800 usec
DE 6.50 usec
TE 296.6 K
D1 2.00000000 sec
D11 0.03000000 sec
TDO 1

===== CHANNEL f1 =====
NUC1 13C
P1 8.90 usec
PL1 54.00000000 W
SFO1 100.6278588 MHz

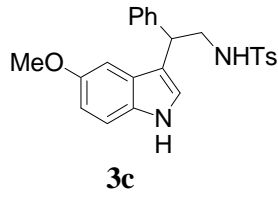
===== CHANNEL f2 =====
CDEPRG2 waltz16
NUC2 1H
PCPD2 80.00 usec
PLM2 12.00000000 W
PLM1 0.40732099 W
SFO2 400.1516006 MHz

F2 - Processing parameters
SI 16384 MHz
RG 100.617738 EM
RWDW 0
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



3b

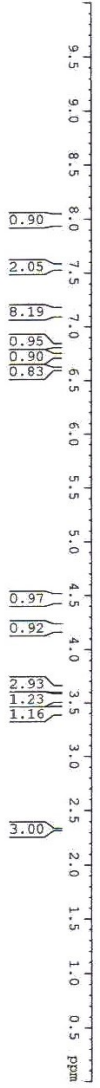




- 7.990
- 7.565
- 7.545
- 7.170
- 7.154
- 7.135
- 7.116
- 7.113
- 7.107
- 7.103
- 7.086
- 6.825
- 6.743
- 6.737
- 6.721
- 6.715
- 6.613
- 6.607

- 4.467
- 4.216
- 4.197
- 4.178
- 3.627
- 3.594
- 3.565
- 3.550
- 3.535
- 3.521
- 3.459
- 3.441
- 3.425
- 3.411
- 3.395

2.332



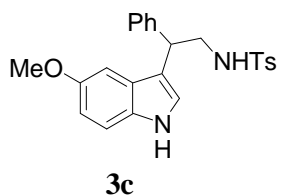
Current Data Parameters
 NAME Dr. A HAJRA 2014
 EXPNO 1349
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20191010
 Time 17:44
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.923444 sec
 RG 60
 DS 60
 DE 6.50 usec
 TE 296.5 K
 D1 1.00000000 sec
 TDO 1

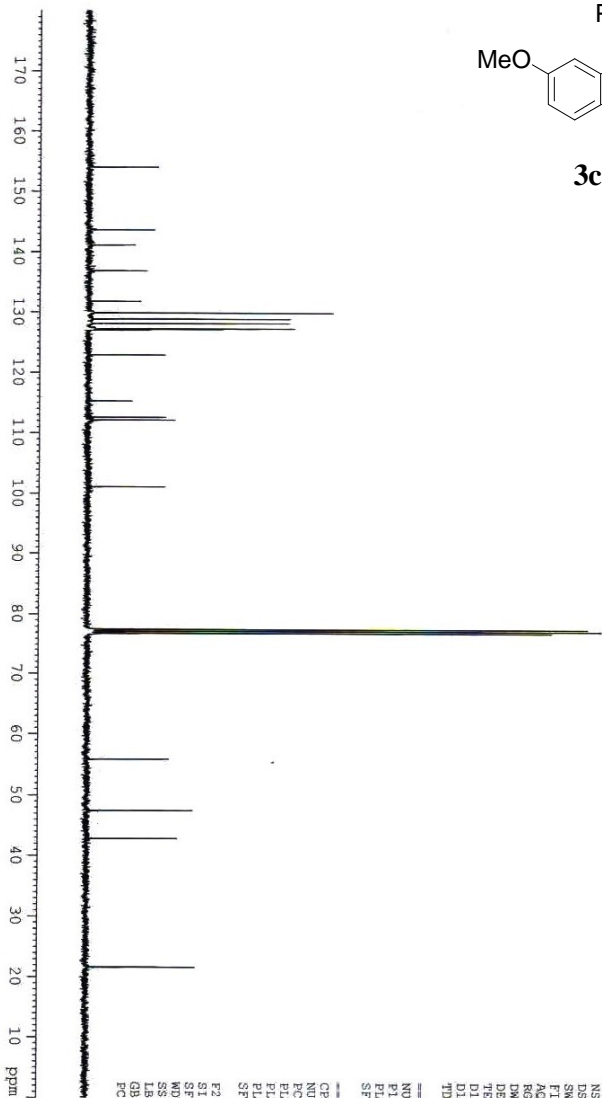
CHANNEL F1
 NUCL1 1H
 P1 14.75 usec
 PL1 11.99449969 W
 SFO1 400.1524711 MHz

F2 - Processing Parameters
 SI 16384
 SF 400.1500445 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 1.00





- 154.03
- 143.58
- 141.07
- 136.83
- 131.75
- 129.83
- 128.85
- 128.09
- 127.20
- 127.12
- 126.99
- 122.94
- 115.28
- 112.59
- 112.13
- 101.11
- 77.48
- 77.16
- 76.84
- 55.84
- 47.46
- 42.79
- 21.63



Current Data Parameters
 NAME Dr. A HAMRA 2014
 EXNO 1350
 PROCNO 1

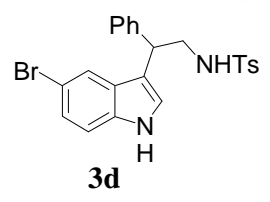
F2 - Acquisition Parameters

Date 20150105
 Time 18.29
 INSTRUM spect
 PROBHD 5 mm EBBBO BBI
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 512
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.112296 Hz
 AQ 0.671296 sec
 RG 40.87
 DW 20.800 usec
 DE 6.50 usec
 TE 297.5 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 PD0 1

CHANNEL F1
 NUC1 13C
 P1 8.90 usec
 PL1 54.0000000 W
 SFO1 100.628386 MHz

CHANNEL F2
 NUC2 1H
 P2 13.0000000 usec
 PL2 0.4000000 W
 PLM1 0.40782995 W
 PLM3 0.26107001 W
 SFO2 400.1516006 MHz

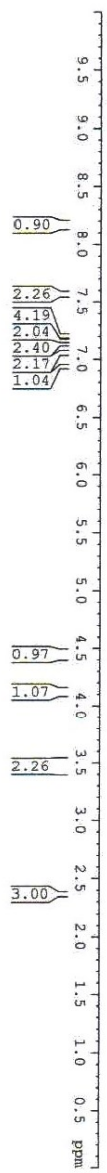
E2 - Processing parameters
 SI 16384
 SF 100.617188 MHz
 MDW 8M
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



- 8.167
- 7.578
- 7.557
- 7.213
- 7.191
- 7.186
- 7.180
- 7.167
- 7.152
- 7.134
- 7.125
- 7.066
- 7.049
- 6.941

- 4.444
- 4.135
- 4.116
- 4.097
- 3.529
- 3.512
- 3.497
- 3.477
- 3.459
- 3.441
- 3.426
- 3.410

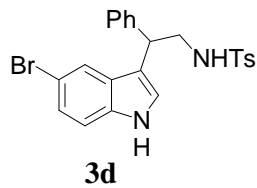
- 2.367



Current Data Parameters
 NAME: Dr. A. HAJRA 2014
 EXPRN: 1352
 PROCNO: 1

F2 - Acquisition Parameters
 Date_ 20150106
 Time 17.54
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 87.66
 DW 60.800 usec
 DE 6.50 usec
 TE 296.3 K
 D1 1.00000000 sec
 I 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 P1M1 11.9946909 W
 SFO1 400.1524711 MHz
 F2 - Processing parameters
 SI 16384
 SF 400.1500408 MHz
 WDW EM
 SSB 0
 GB 0
 PC 1.00



- 143.81
- 140.68
- 136.71
- 135.20
- 129.99
- 129.00
- 128.35
- 127.97
- 127.33
- 127.21
- 125.42
- 123.45
- 121.69
- 115.27
- 113.03
- 112.91

- 77.48
- 77.16
- 76.84

- 47.53
- 42.43

- 21.74



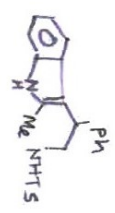
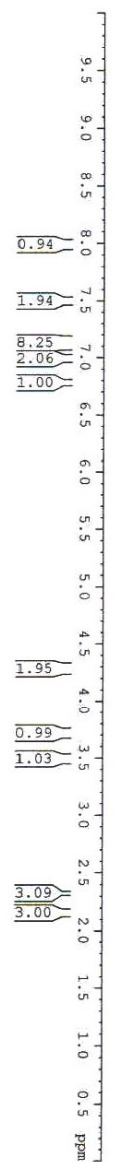
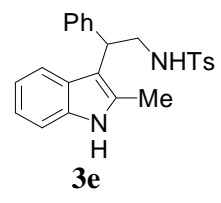
Current Data Parameters
 NAME Dr. A HANRA 2014
 EXPNO 1353
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20111023
 Time 19:03
 INSTRUM spect
 PROBRD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SFO100.6278588 MHz
 NS 32768
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6816294 sec
 SFO2 100.6278588 MHz
 DQ 87.46 usec
 DE 2.46 usec
 TE 297.4 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 D12 1

===== CHANNEL f1 =====
 NUCL1 13C
 P1 8.90 usec
 PL1 54.0000000 W
 SFO1 100.6278588 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUCL2 1H
 P2 12.0000000 usec
 PL2 0.0000000 W
 SFO2 400.26107001 MHz

===== Processing parameters =====
 SI 16384
 SF 100.617768 MHz
 WDM EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



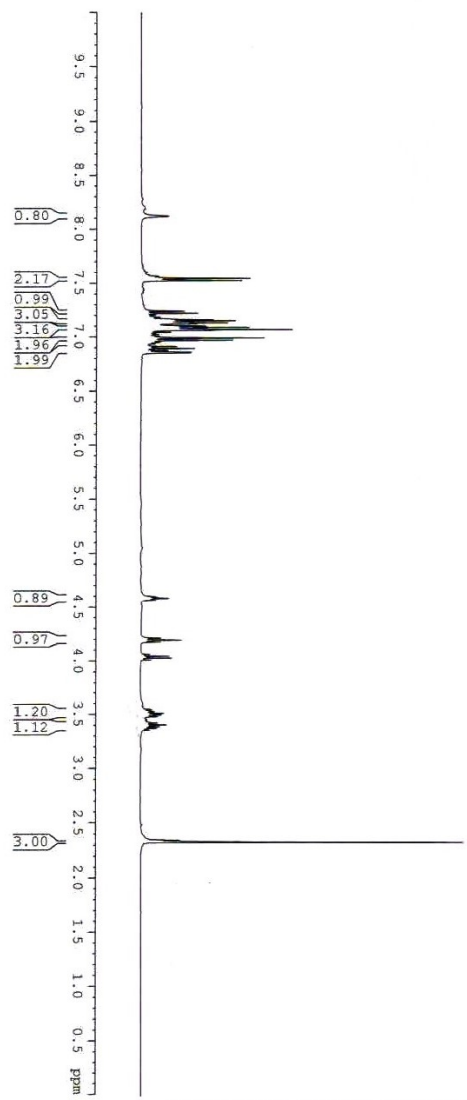
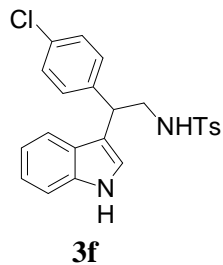
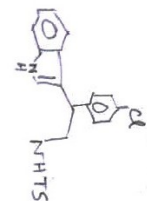
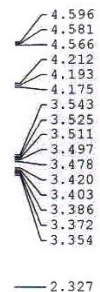
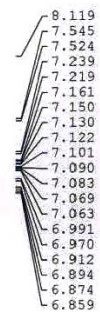
Current Data Parameters
 NAME Dr. A HAJRA 2014
 EXPNO 1357
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150109
 Time 16.37
 INSTRUM spect
 PROBRD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 24
 DS 2
 SRH 8223.687 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 40.87
 DW 60.800 usec
 DE 6.50 usec
 TE 296.7 K
 D1 1.00000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 PLW1 11.9949989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1500526 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1H of VENC-197



Current Data Parameters
 NAME Dr. A MAIER
 EXNO 1051
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150301
 Time 16.15
 INSTRUM spect
 PROBRD 5 mm PABBO BB/
 PULPROG zg30
 SOLVENT CDCl3
 NS 24
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 54.07
 DW 60.800 usec
 DE 8.50 usec
 TE 297.0 K
 TD 1.00000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 PLW1 11.9949989 W
 SF01 400.1524711 MHz

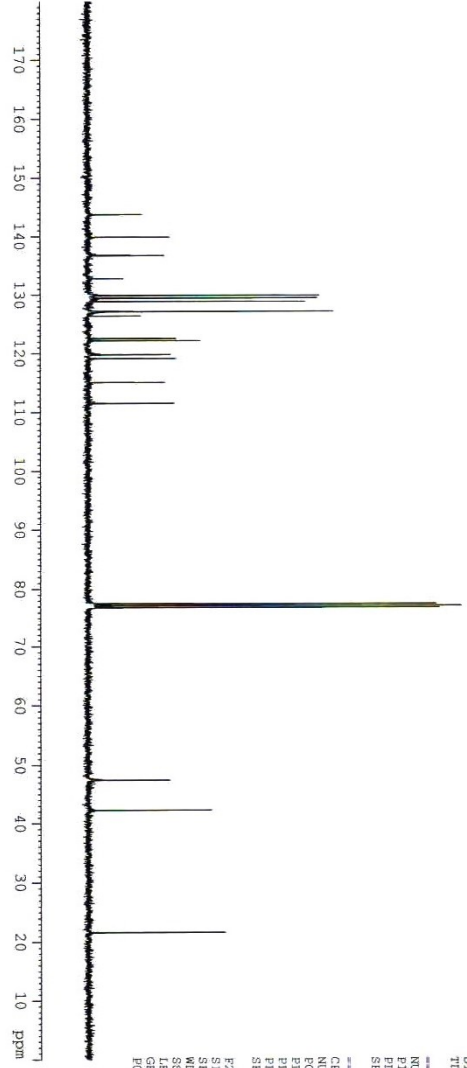
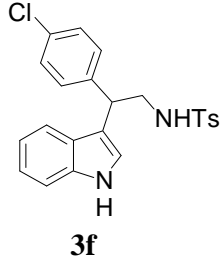
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 SI 16394
 SMW 400.1500482 MHz
 SSB EN
 LB 0
 GB 0
 PC 1.00

- 143.68
- 139.83
- 136.70
- 136.63
- 132.75
- 129.86
- 129.43
- 128.87
- 127.13
- 126.39
- 122.56
- 122.19
- 119.78
- 119.11
- 115.06
- 111.53

- 77.48
- 77.16
- 76.84

- 47.42
- 42.24

- 21.65



Current Data Parameters
 NAME: DF_A VALPS
 EXTNO: 1052
 F2 (NO) 1

F2 - Acquisition Parameters
 Date_: 20150301
 Time: 16.32
 INSTRUM: spect
 PPROBHD: 5 mm PABBO BB/
 PULPROG: zgpg30
 TD: 32768
 SOLVENT: CDCl3
 NS: 274
 DS: 4
 SWH: 24038.461 Hz
 FIDRES: 0.733596 Hz
 AQ: 0.6916244 sec
 RG: 54.07
 DW: 20.800 usec
 DE: 2.000 usec
 TE: 297.9 K
 D1: 2.00000000 sec
 D11: 0.03000000 sec
 TDO: 1

CHANNEL F1
 NUCL1: 13C
 P1: 8.90 usec
 PLM1: 54.00000000 W
 SFO1: 100.6278588 MHz

CHANNEL F2
 walz16
 NUCL2: 1H
 ECHD2: 80.00 usec
 PLM2: 12.00000000 W
 SFO2: 400.1516006 MHz

F2 - Processing parameters
 SI: 16384
 SF: 100.617858 MHz
 WDM: EM
 SSB: 0
 LB: 1.00 Hz
 GB: 0
 EC: 1.40

1H of VBNC-175

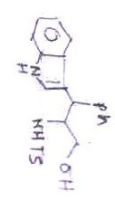
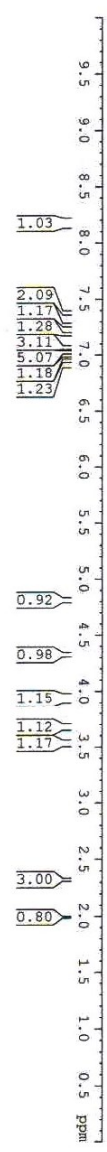
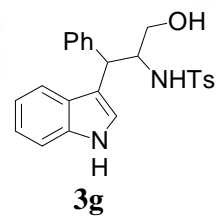
- 8.177
- 7.389
- 7.368
- 7.279
- 7.259
- 7.199
- 7.179
- 7.171
- 7.078
- 7.058
- 7.023
- 6.978
- 6.973
- 6.931
- 6.929
- 6.912
- 6.894
- 6.892

- 4.821
- 4.804

- 4.338
- 4.315
- 3.938
- 3.697
- 3.688
- 3.668
- 3.659
- 3.554
- 3.543
- 3.525
- 3.514

- 2.324

- 1.993



Current Data Parameters
 NAME DL. A HARV 2014
 EXPNO 1361
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150110
 Time_ 18.04
 INSTRUM spect
 PROBD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 24
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.992344 sec
 RG 40.87
 KM 60.87
 DM 6.90 usec
 DE 296.7 K
 TE 1.00000000 sec
 TD0 1

CHANNEL f1
 NUC1 1H
 P1 14.75 usec
 PL1 11.99499989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1500440 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

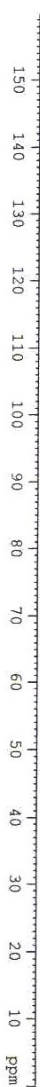
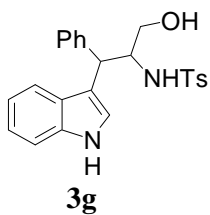
- 143.51
- 140.51
- 136.69
- 136.27
- 129.74
- 128.81
- 128.48
- 127.20
- 126.89
- 126.77
- 122.35
- 122.25
- 119.69
- 119.05
- 115.41
- 111.41

- 77.48
- 77.16
- 76.84

- 63.56
- 58.93

- 43.94

- 21.65



Current Data Parameters
 NAME Dr. A RAJVA 2014
 EXPNO 1362
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20150110
 Time 18.31
 INSTRUM spect
 P2NAME 5 mm BBAU-CP
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 205
 DS 2
 SFO 24038.464 Hz
 FIDRES 0.731566 Hz
 AQ 40.87 sec
 RG 64
 DE 20.800 usec
 DM 6.50 usec
 DI 2.0000000 sec
 D11 0.03000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 8.13 usec
 PLM1 54.00000000 W
 SFO1 100.6278588 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 VFO2 125.760353 MHz
 FCWD2 80.00 usec
 PLM2 12.00000000 W
 PLM12 0.407929399 W
 PLM13 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing parameters

SI 16384
 SF 100.6177889 MHz
 WDW 0
 SSB 0
 GB 0
 PC 1.40

1H of VBNC-177

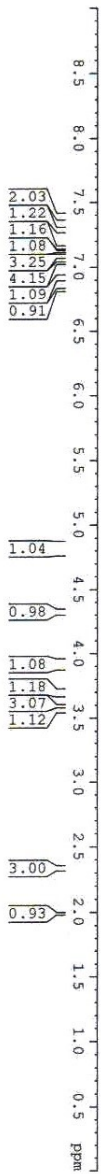
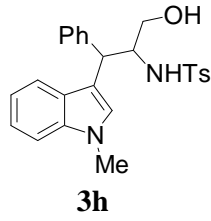
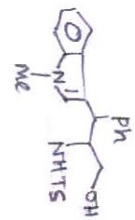
- 7.401
- 7.380
- 7.296
- 7.276
- 7.163
- 7.146
- 7.126
- 7.093
- 7.081
- 7.073
- 7.033
- 6.937
- 6.935
- 6.918
- 6.900
- 6.898
- 6.824

4.812

- 4.336
- 4.313
- 3.919
- 3.713
- 3.704
- 3.684
- 3.675
- 3.588
- 3.574
- 3.557
- 3.545

2.336

1.990



Current Data Parameters
 NAME Dr. A. RAJRA 2014
 EXPNO 1370
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150111
 Time_ 17.05
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 24
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.290967 Hz
 AQ 1.9923444 sec
 RG 40.87
 DW 60.800 usec
 DE 6.50 usec
 TE 296.8 K
 D1 1.00000000 sec
 TDO 1

CHANNEL f1
 NUC1 1H
 P1 14.75 usec
 PLW1 11.99499989 W
 SFO1 400.1524711 MHz
 F2 - Processing parameters
 SI 16384
 SF 400.1500475 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

- 143.44
- 140.66
- 136.98
- 136.74
- 129.70
- 128.80
- 128.43
- 127.23
- 127.11
- 126.84
- 126.81
- 121.97
- 119.27
- 119.16
- 114.01
- 109.38

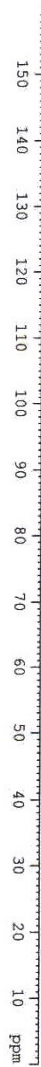
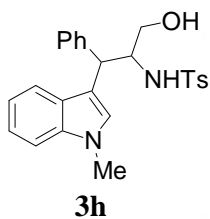
- 77.48
- 77.16
- 76.84

- 63.60
- 59.02

- 43.90

- 32.83

- 21.66



Current Data Parameters
 NAME Dr. A. HAJRA, 2014
 EXPNO 1371
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150117
 Time 17:29

INSTRUM spect
 PROBRD 5 mm BBO BB/
 PULPROG zgpg30

TD 65536
 SFO130
 SOLVENT CDCl3

NS 400
 DS 2

SWH 24038.461 Hz
 FIDRES 0.643298 Hz

AQ 0.643298 Hz
 RG 40.87

DE 20.800 usec
 TE 297.7 K

DE 6.50 usec
 D11 2.0000000 sec

D1 0.0300000 sec
 TD0 1

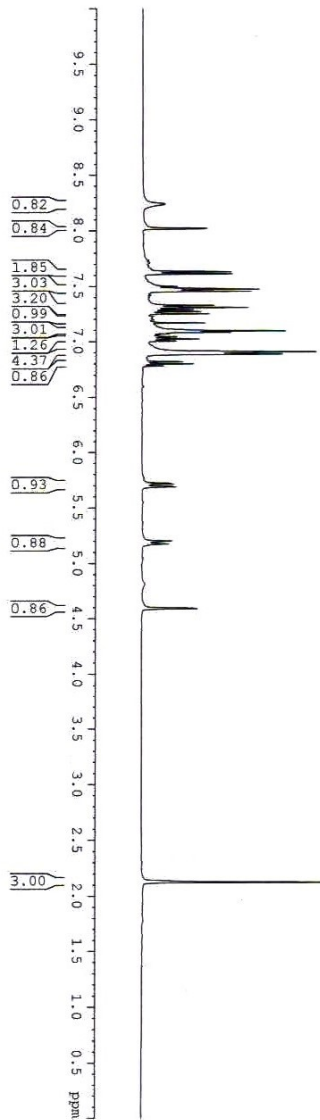
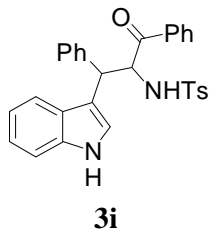
CH01 CHANNEL f1
 NU1 8 3C
 PL1 14 13C
 P1M1 54.0000000 W
 SFO1 100.6278588 MHz

CH02 CHANNEL f2
 NUC2 14 1H
 P1M2 80.00 usec
 SFO2 500.1364540 MHz

F2 - Processing Parameters
 SI 16384
 SF 100.6177909 MHz
 WDM EM
 LB 0 1.00 Hz
 GB 0
 PC 1.40



2.130

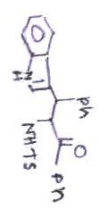


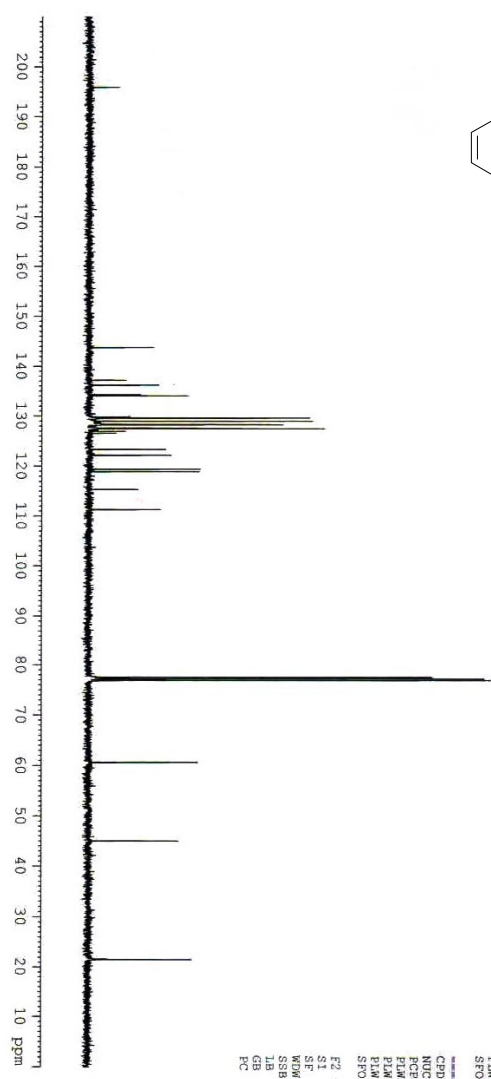
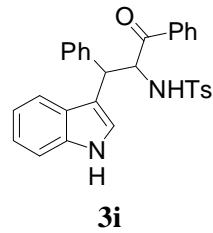
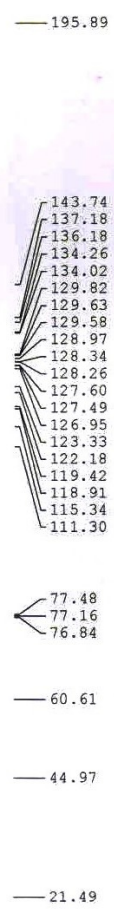
Current Data Parameters
NAME Dr. A.MA:BE
EXPNO 1034
PROCNO 1

F2 - Acquisition Parameters
Date_ 20150116
Time 16.07
INSTRUM spect
PROBHD 5 mm PABBO
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 32
DS 2
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 57.28
DW 60.800 usec
DE 6.50 usec
TE 293.7 K
D1 1.00000000 sec
TD0 1

CHANNEL f1
NUC1 1H
PI 14.75 usec
PL1 11.9949989 W
SFO1 400.1524711 MHz

F2 - Processing parameters
SI 16384
SF 400.1500450 MHz
WDW EM
SSB 0
LB 0
GB 0
PC 1.00





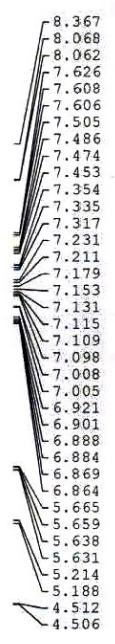
Current Data Parameters
 NAME VBNC-180
 EXPNO 2
 PROCNO 1035
 1035
 1

F2 - Acquisition Parameters
 Date_ 20151116
 Time 14:17
 INSTRUM spect
 PROBRD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SFO 400
 NS 400
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6814234 sec
 RG 327.68
 DW 20.800 usec
 DE 6.50 usec
 TE 294.5 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 TDD 1

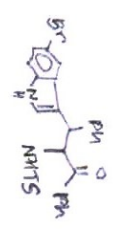
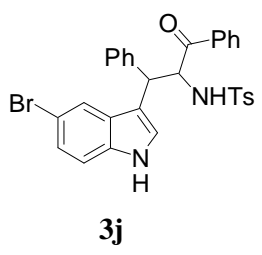
===== CHANNEL f1 =====
 NUC1 13C
 P1 8.00 usec
 PL1 54.0000000 W
 SFO1 100.6278588 MHz

===== CHANNEL f2 =====
 NUC2 13C
 P2 80.00 usec
 PL2 12.00000000 W
 PLM1 0.40792999 W
 PLM3 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing parameters
 SI 16384
 SF 100.6177890 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



2.134

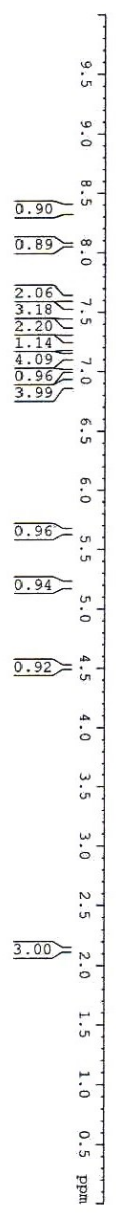


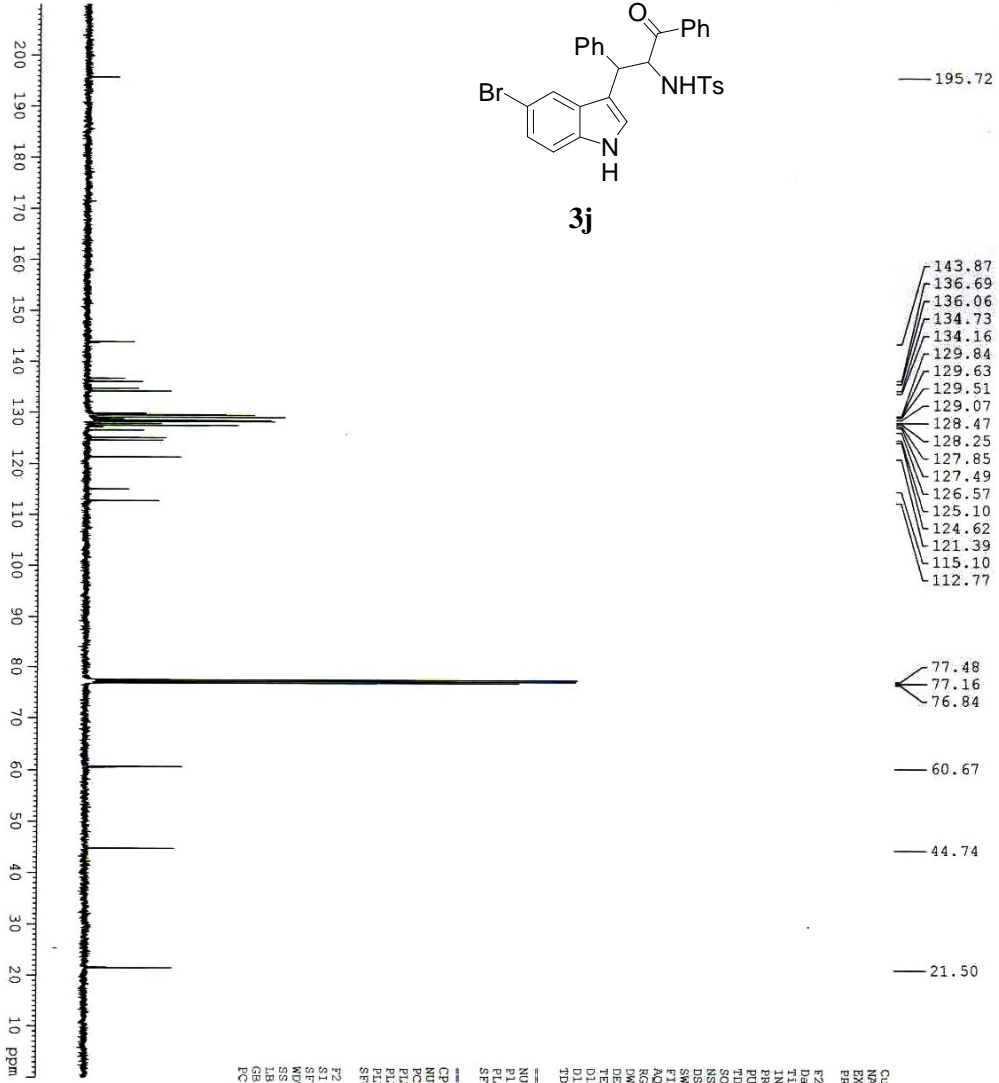
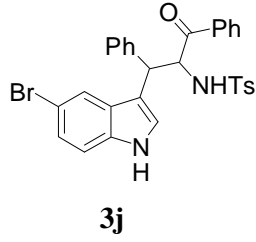
Current Data Parameters
 NAME Dr. A MAJEE
 EXPNO 1036
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150119
 Time_ 17.16
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250867 Hz
 AQ 1.9923444 sec
 RG 62.69
 DW 60.800 usec
 DE 6.50 usec
 TE 296.3 K
 D1 1.00000000 sec
 TD0 1

CHANNEL F1
 NUC1 1H
 P1 14.75 usec
 PL1 11.9949989 W
 SFO1 400.1524711 MHZ

F2 - Processing parameters
 SI 16384
 SF 400.1500409 MHZ
 MDW EM
 SSB 0
 IB 0
 GB 0
 PC 1.00





Current Data Parameters
 NAME Dr. A.VAJEE
 EXPNO 1037
 PROCNO 1

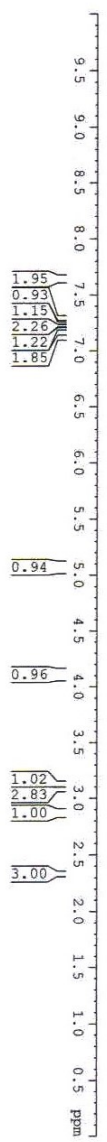
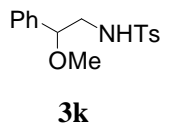
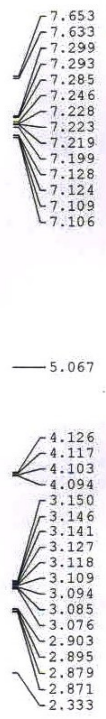
F2 - Acquisition Parameters
 Date_ 20150119
 Time 17.43
 INSTRUM spect
 PROBD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 512
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.73296 Hz
 AQ 0.66224 sec
 RG 62.49
 BW 20.800 ussec
 DE 6.50 ussec
 TE 297.5 K
 D1 2.0000000 sec
 TDO 0.0300000 sec
 TD0 1

CHANNEL F1
 NUCL1 13C
 P1 8.90 ussec
 PL1 54.000000 M
 SFO1 100.6278585 MHz

CHANNEL F2
 CPDPRG2 waltz16
 NUCL2 1H
 P2 80.10 ussec
 PLW2 12.0000000 M
 PLM12 0.40782999 W
 PLM13 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6177865 MHz
 KW 0 EM
 SSB 0
 IB 1.00 Hz
 SC 0
 LC 1.40

1H OF VBNC-179



Current Data Parameters
 NAME Dr. A VAJEE
 EXPNO 1033
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150115
 Time 17.31
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 24
 DS 2
 SM 8223.682 Hz
 FIDRES 0.241967 Hz
 AQ 1.9923444 sec
 RG 37.83
 DW 60.800 usec
 DE 6.50 usec
 TE 292.6 K
 D1 1.00000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUCL 1H
 P1 14.75 usec
 PLWI 11.99499989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1500423 MHz
 WDW EM
 SSB 0
 GB 0
 PC 1.00

143.56
138.37
137.05
129.85
128.79
128.53
127.18
126.74

82.13
77.48
77.16
76.84

56.88
49.44

21.63



Current Data Parameters
NAME: Dr. A MAJEE
EXPNO: 1040
PROCNO: 1

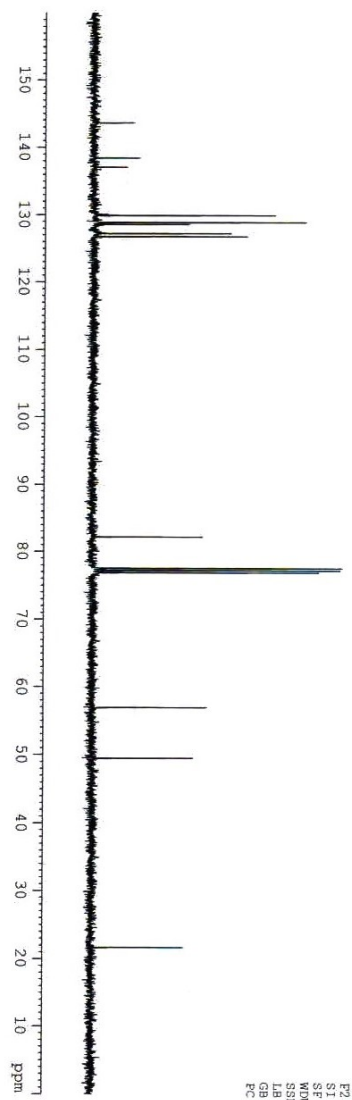
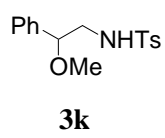
F2 - Acquisition Parameters
Date_ : 20150120
Time : 17.49

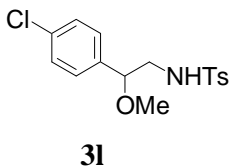
INSTRUM : spect
PROBHD : 5 mm EBBBO BB/
PULPROG : zgpg30
TD : 262144
SOLVENT : CDCl3
NS : 54
DS : 2
SWH : 24038.461 Hz
FIDRES : 0.132946 Hz
AQ : 0.732244 sec
RG : 186.42
DW : 20.800 usec
DE : 6.50 usec
TE : 296.9 K
D1 : 2.0000000 sec
D11 : 0.3500000 sec
TD0 : 1

CHANNEL F1
NUC1 : 13C
P1 : 8.30 usec
PL1 : 54.000000 MHz
SFO1 : 100.6272588 MHz

CHANNEL F2
NAME: maltz16
NUC2 : 1H
P2 : 80.00 usec
PL2 : 12.0000000 MHz
PLM2 : 0.40792999 W
PLM13 : 0.26107001 W
SFO2 : 400.1516006 MHz

F2 - Processing parameters
SI : 32768
SF : 100.6177880 MHz
WDW : EM
SSB : 0
LB : 1.00 Hz
GB : 0
EC : 1.40

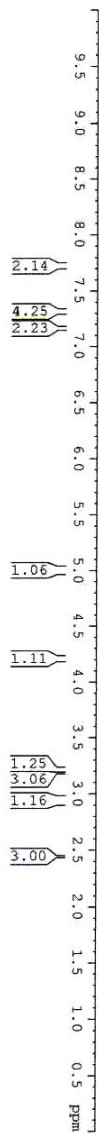
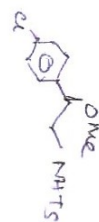




- 7.734
- 7.713
- 7.325
- 7.304
- 7.282
- 7.170
- 7.166
- 7.153
- 7.149

- 5.014
- 4.992

- 4.224
- 4.215
- 4.202
- 4.192
- 3.234
- 3.225
- 3.212
- 3.202
- 3.192
- 3.184
- 2.971
- 2.963
- 2.949
- 2.940
- 2.930
- 2.916
- 2.908
- 2.444



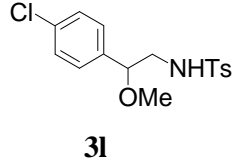
Current Data Parameters
 NAME Dr. A. MATJE
 EXPNO 1047
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150224
 Time 16.34
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SFO1 8233.685 Hz
 FIDRES 0.7250967 Hz
 AQ 1.9923444 sec
 RG 87.66
 DW 60.800 usec
 DE 6.50 usec
 TE 295.6 K
 D1 1.00000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUC1 1H
 P1 14.75 usec
 PL1 11.99499989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1500000 MHz
 SSF 0
 SSB 0
 LB 0
 GB 0
 PC 1.00

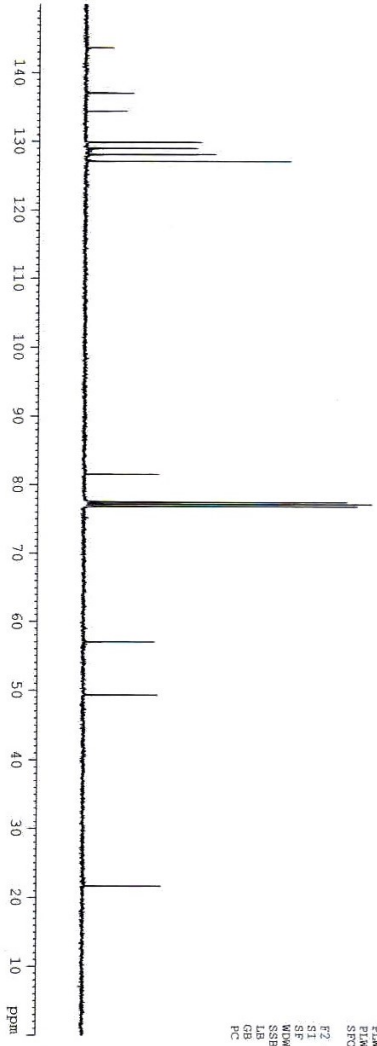
143.66
137.02
136.96
134.34
129.88
129.02
128.12
127.16



81.55
77.48
77.16
76.84

56.99
49.31

21.66



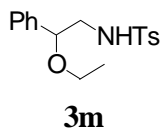
Current Data Parameters
NAME Dr. A. MAUSE
EXPTNO 1048
PROCNO 1

F2 - Acquisition Parameters
Date_ 20150224
Time 17.16
INSTRUM spect
PROBHD 5 mm PABBO BBO
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 512
DS 2
SSBH 24038.46 Hz
FIDRES 0.733596 Hz
AQ 0.6816244 sec
RG 87.66
SM 20.800 usec
TM 1.00 usec
TE 29.7
D1 2.00000000 sec
D11 0.03000000 sec
TD0 1

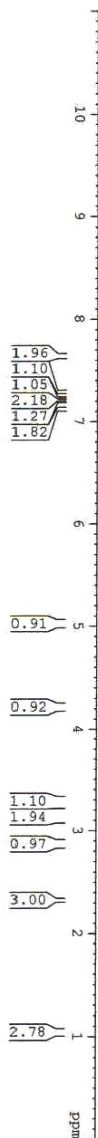
===== CHANNEL f1 13C =====
NUC1 13C
P1 8.90 usec
PL1 54.00000000 W
SFO1 100.6273508 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 13C
P2 80.0 usec
PL2 12.00000000 W
SFO2 100.6273508 MHz
PLW12 0.40792999 W
PLW13 0.26107001 W
SFO2 400.1516006 MHz

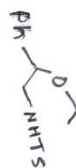
F2 - Processing parameters
SI 16384
SF 100.617851 MHz
WDW EM
SSB 0
GB 0
PC 1.40



- 7.651
 - 7.631
 - 7.296
 - 7.289
 - 7.282
 - 7.234
 - 7.215
 - 7.210
 - 7.194
 - 7.133
 - 7.128
 - 7.113
-
- 5.032
 - 5.010
 - 4.232
 - 4.223
 - 4.208
 - 4.199
 - 3.294
 - 3.289
 - 3.276
 - 3.271
 - 3.258
 - 3.253
 - 3.178
 - 3.160
 - 3.155
 - 3.148
 - 3.142
 - 3.138
 - 3.125
 - 3.116
 - 3.107
 - 3.092
 - 3.083
 - 2.902
 - 2.894
 - 2.878
 - 2.870
 - 2.862
 - 2.846
 - 2.838
 - 2.330
 - 1.064
 - 1.046
 - 1.029



Current Data Parameters
 NAME Dt. A H498
 EXPNO 1038
 PROCNO 1



F2 - Acquisition Parameters
 Date_ 20150120
 Time 16.24
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 37.83
 DM 60.800 usec
 DE 6.30 usec
 TE 296.0 K
 D1 1.00000000 sec
 TDO 1

CHANNEL F1
 NUC1 1H
 P1 14.75 usec
 PL1 11.9949989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1500433 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

143.51
139.06
137.10
129.80
128.69
128.35
127.15
126.61

80.25
77.48
77.16
76.85

64.50

49.45

21.59

15.23



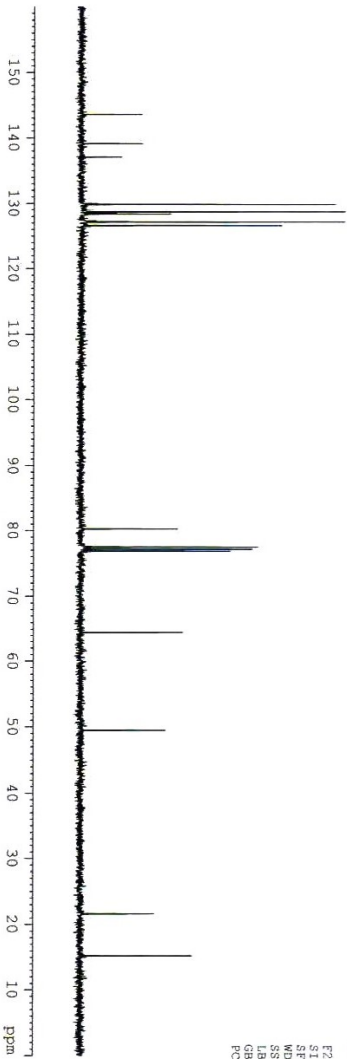
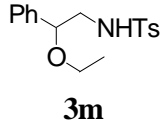
Current Data Parameters
NAME Dr. A. MAJER
EXNO 1039
PROCNO 1

F2 - Acquisition Parameters
Date_ 20150120
Time 16:44
INSTRUM spect
PROBHD 5 mm BBBO BH/
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 42
DS 2
SSB 24098.461 Hz
SF 125.761 Hz
AQ 0.6816244 sec
RG 37.83
DM 20.800 usec
DE 6.50 usec
TE 29.2
D1 2.0000000 sec
D11 0.0300000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
PI 8.90 usec
PLM1 54.00000000 W
SFO1 100.6278988 MHz

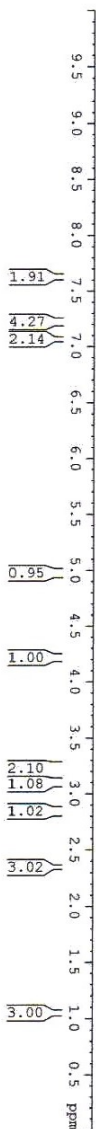
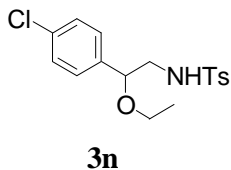
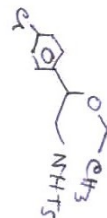
===== CHANNEL f2 =====
CDDPRG2 Waltz16
NUC2 1H
PCPD2 80.00 usec
PLM2 12.00000000 W
PLM3 0.40122993 W
PLM4 0.40122993 W
SFO2 400.1516006 MHz

F2 - Processing parameters
SI 16384
SF 100.617924 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



7.639
7.618
7.254
7.220
7.210
7.200
7.189
7.077
7.056

4.984
4.963
4.229
4.220
4.207
4.197
3.278
3.273
3.261
3.255
3.238
3.188
3.171
3.165
3.153
3.148
3.134
3.124
3.111
3.101
3.092
3.078
3.069
2.876
2.868
2.854
2.845
2.835
2.821
2.813
2.345
1.068
1.051
1.033



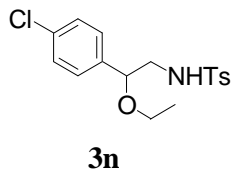
Current Data Parameters
NAME Dr. A MAJER
EXPNO 1049
PROCNO 1

F2 - Acquisition Parameters
Date_ 20150227
Time 16.32
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 24
DS 2
SWH 8223.685 Hz
FIDRES 0.250967 Hz
AQ 1.9923444 sec
RG 47.25
DW 60.800 usec
DE 6.50 usec
TE 296.6 K
D1 1.00000000 sec
TD0 1

CHANNEL f1
NUC1 1H
P1 14.75 usec
PL1 11.9949989 W
SFO1 400.1524711 MHz

F2 - Processing parameters
SI 16384
SF 400.1500378 MHz
WDW EM
SSB 0
LB 0
GB 0
PC 1.00





143.61
137.67
137.03
134.11
129.84
128.91
128.01
127.13

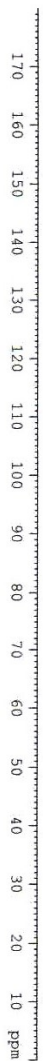
79.67
77.48
77.16
76.85

64.69

49.32

21.63

15.23



Current Data Parameters
NAME VBNC-195
EXPNO 1050
PROCNO 1

F2 - Acquisition Parameters
Date_ 20130221
Time 13:22:11
INSTRUM spect
PROBHD 5 mm PABO BB/
PULPROG zgpg30
TD 32768
SFO1 125.13
SOLVENT CDCl3
NS 136
DS 2
SWH 24038.461 Hz
FIDRES 0.733596 Hz
AQ 0.681624 sec
RG 327.5
IM 20.800 usec
DE 6.50 usec
TE 297.4 K
D1 2.0000000 sec
D11 0.0300000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 13.00 usec
PL1 0.00 dB
SFO1 100.627888 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 13C
PCPD2 80.00 usec
PLM2 12.0000000 W
PLM12 0.40792999 W
PLM13 0.26107001 W
SFO2 400.1516006 MHz

F2 - Processing parameters
SI 16384
SF 100.6177880 MHz
WDW EM
SSB 0
GB 1.00 Hz
PC 1.40

1H OF VBNC-187

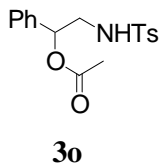
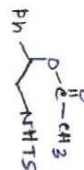
7.650
7.630
7.231
7.224
7.214
7.203
7.178
7.156
7.150
7.136
7.132

5.651
5.635
5.620
5.176

3.242
3.226
3.211

2.342

1.938



Current Data Parameters
NAME Dr. A MAJEE
EXPNO 1043
PROCNO 1

F2 - Acquisition Parameters

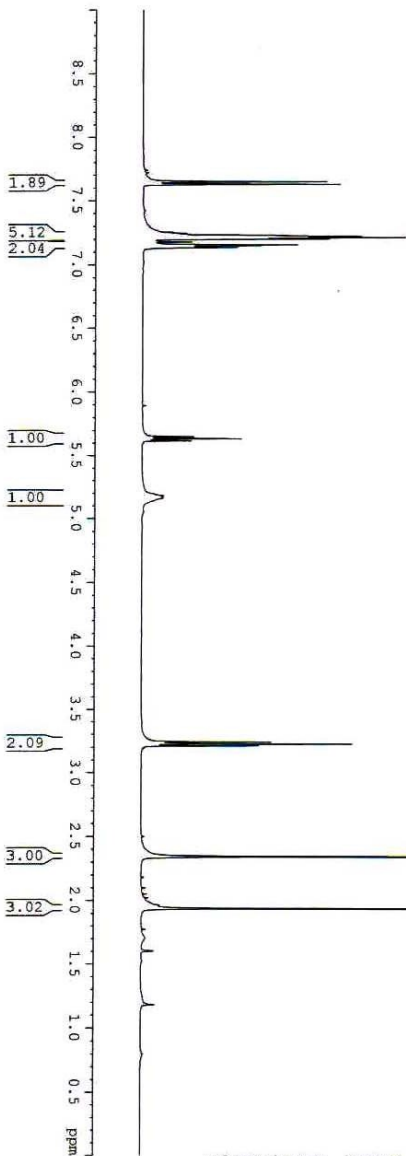
Date_ 20150207
Time 15.43
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 24
DS 2
SWH 8223.685 Hz
FIDRES 0.230967 Hz
AQ 1.9923444 sec
RG 47.85
DS 60.80 usec
DE 28.0 K
TE 1.00000000 sec
TD0 1

CHANNEL f1

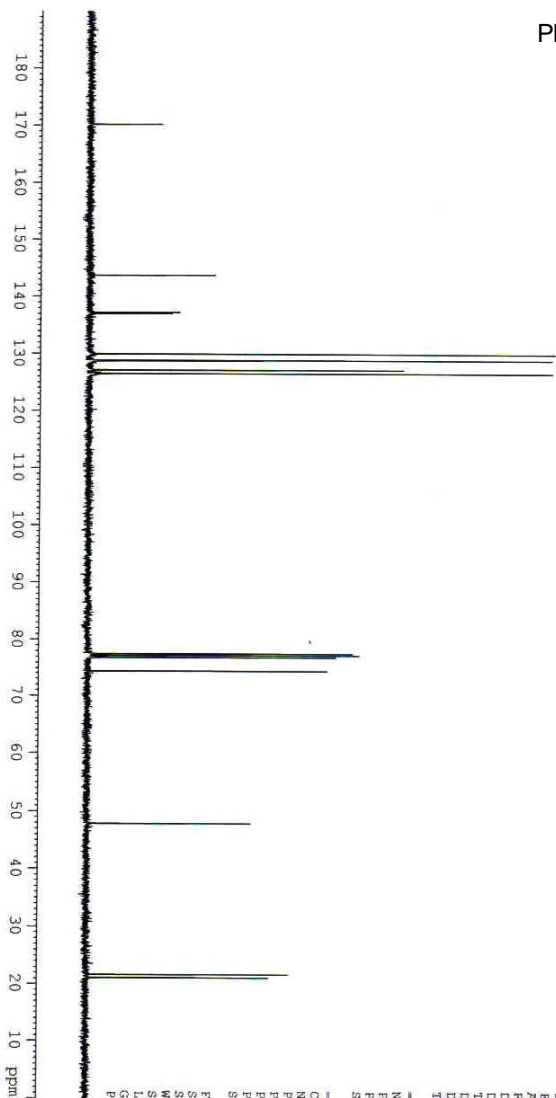
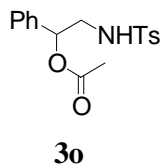
NUC1 1H
P1 14.75 usec
PLW1 11.9949989 W
SFO1 400.1524711 MHz

F2 - Processing parameters

SI 16384
SF 400.1500411 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



- 170.17
- 143.70
- 137.19
- 137.02
- 129.90
- 128.80
- 128.69
- 127.11
- 126.48
- 77.48
- 77.16
- 76.84
- 74.27
- 47.80
- 21.62
- 21.08



Current Data Parameters
 NAME: Dr. A MAYEE
 EXPNO: 1044
 F2PROCNO: 1

F2 - Acquisition Parameters
 Date_ 20150207
 Time 15.56
 INSTRUM spect
 PULPROG zgpg30
 F2PRG05 zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 144
 DS 2
 SM 24038.461 Hz
 SFOSS 0.6813249 Hz
 RG 47.25 sec
 DW 20.800 usec
 DE 6.50 usec
 TE 296.15 K
 D11 2.0000000 sec
 D12 0.1000000 sec
 TD0 1

CHANNEL F1
 NUQ1 13C
 P1 8.90 usec
 PL1 54.0000000 dB
 SFO1 100.6278998 MHz

CHANNEL F2
 waltz16

CPDPRG2
 NUQ2 1H
 P2 80.00 usec
 PL2 12.0000000 dB
 FWHM2 0.40792399 K
 PLW12 0.28107001 W
 SFO2 400.1516006 MHz

F2 - Processing parameters
 SF 100.6177984 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1H OF VBNC-196

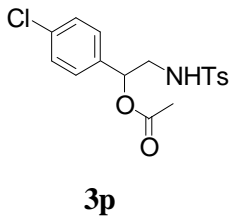
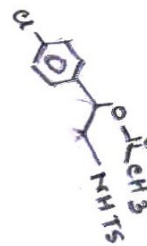
7.621
7.601
7.221
7.201
7.192
7.189
7.172
7.092
7.071

5.623
5.608
5.594
5.167

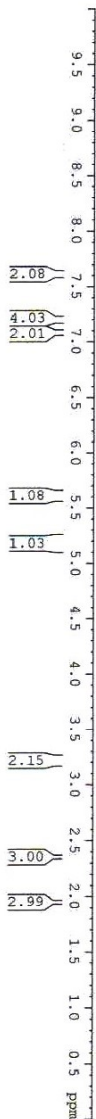
3.224
3.211
3.199

2.354

1.948



3p



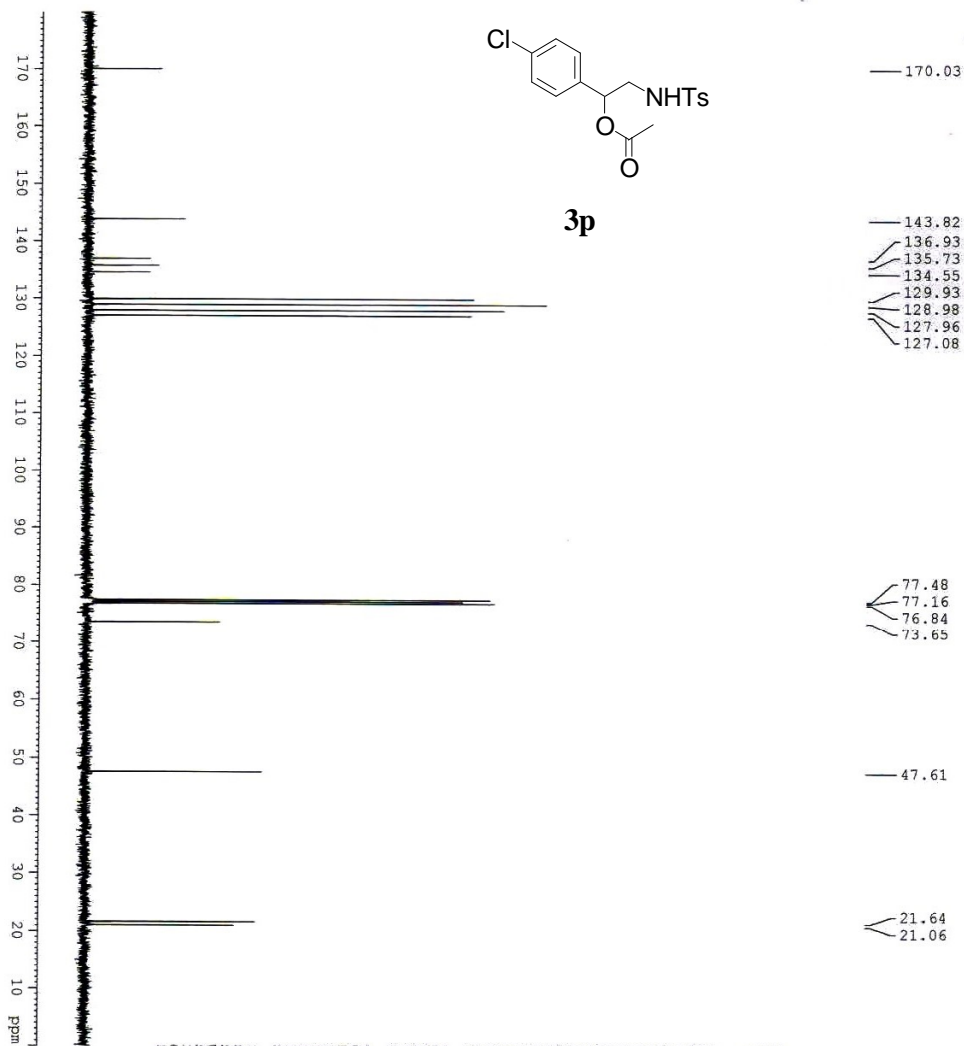
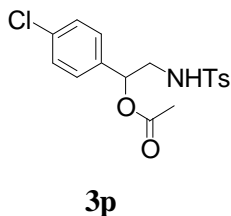
Current Data Parameters
NAME Df. A WATER
EXRNO 1053
PROCNO 1

F2 - Acquisition Parameters

Date 20150301
Time 16.58
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 24
DS 2
SWH 8233.682 Hz
FIDRES 0.224691 Hz
RG 1.9923444 sec
RG 57.28
DE 60.800 usec
TE 297.1 K
D1 1.00000000 sec
TD0 1

===== CHANNEL F1 =====

NUC1 1H
P1 14.75 usec
PLM1 11.99499689 W
SF01 400.1524711 MHz
F2 - Processing parameters
SI 32768
SF 400.1500376 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00



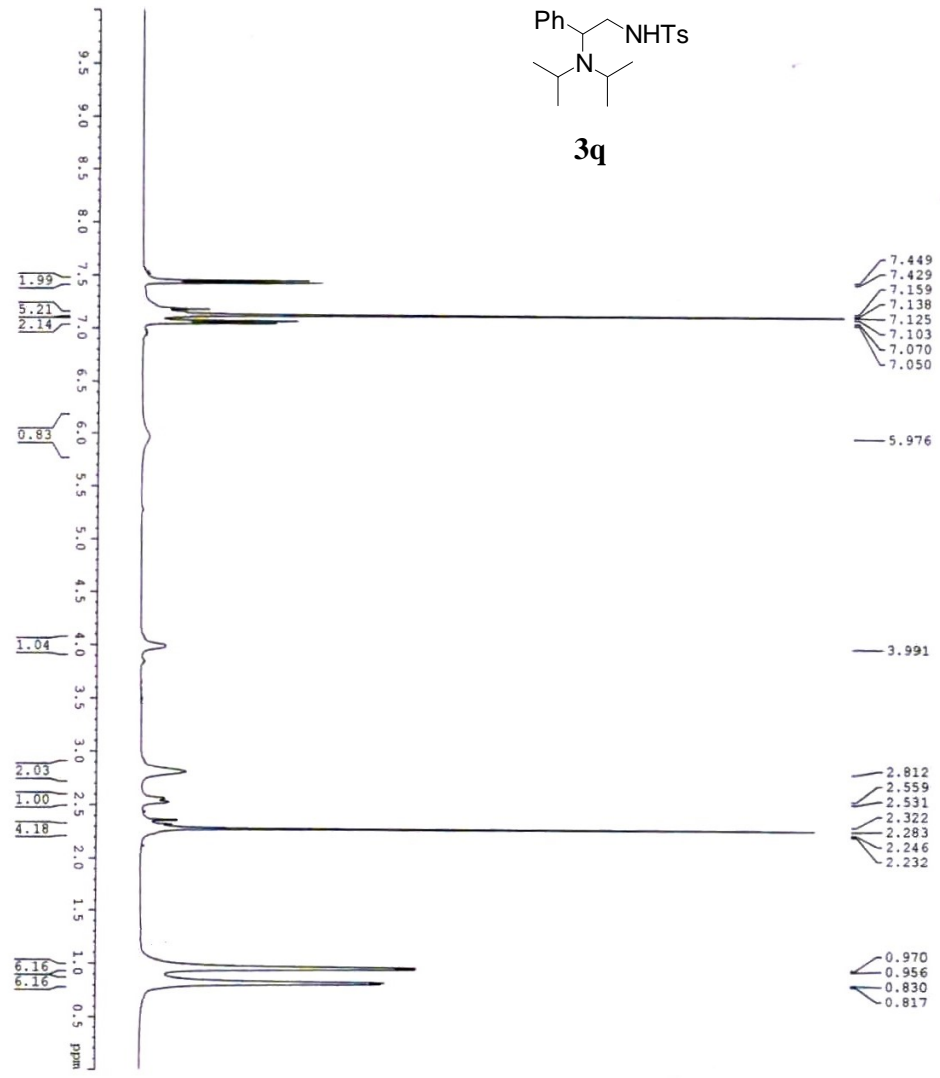
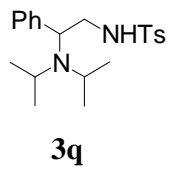
Current Data Parameters
 NAME Dr. A. VOJSE
 EXNO 1054
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150301
 Time 17.08
 INSTRUM spect
 PROBD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SFO2 400.1516006 MHz
 SOLVENT CDCl3
 NS 106
 DS 2
 SS 1
 FIDRES 24038.463 Hz
 AQ 0.733596 Hz
 RG 0.6816244 sec
 DW 57.28
 DE 20.800 usec
 TE 297.3 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TDO 1

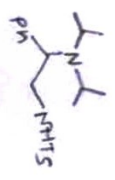
===== CHANNEL f1 =====
 NUC1 13C
 P1 8.90 usec
 PLM1 54.0000000 W
 SFO1 100.62782588 MHz

===== CHANNEL f2 =====
 CPDPRG2 waitz16
 NUC2 1H
 P2 18.00 usec
 PLM2 12.0000000 W
 SFO2 400.1516006 MHz

F2 - Processing parameters
 SI 16384
 SF 100.6177587 MHz
 WDW EM
 SSB 0
 GB 0
 PC 1.40



- 7.449
- 7.429
- 7.159
- 7.138
- 7.125
- 7.103
- 7.070
- 7.050
- 5.976
- 3.991
- 2.812
- 2.559
- 2.531
- 2.322
- 2.283
- 2.246
- 2.232
- 0.970
- 0.956
- 0.830
- 0.817



Current Data Parameters
 NAME Dr. A MAJE
 EXNO 1041
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150201
 Time 15.11
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 24
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 32.25
 DW 60.800 usec
 DE 6.50 usec
 TE 295.9 K
 T1 1.00000000 sec
 T10 1

CHANNEL f1
 NUC1 1H
 P1 14.75 usec
 PL1 11.9949989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 4684
 SF 400.150043 MHz
 MDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



Current Data Parameters

NAME: DR. A WATERS
 DATE: 10/2
 PROCNM: 1

F2 - Acquisition Parameters

Date_ 20150201
 Time 13.41
 INSTRUM 1H NMR
 PROBHD 5 mm PABBO 1H/1
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 289
 DS 4
 SFO 24038.451 Hz
 FIDRESS 0.733595 Hz
 AQ 0.6816244 sec
 RG 32.25
 DW 20.800 usec
 DE 6.50 usec
 TE 300.2 K
 D1 2.0000000 sec
 D11 0.03000000 sec
 TDO 1

CHANNEL F1

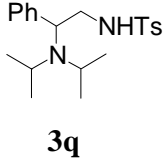
NUC1 13C
 P 13C usec
 PLM1 54.00000000 W
 SFO1 100.6278588 MHz

CHANNEL F2

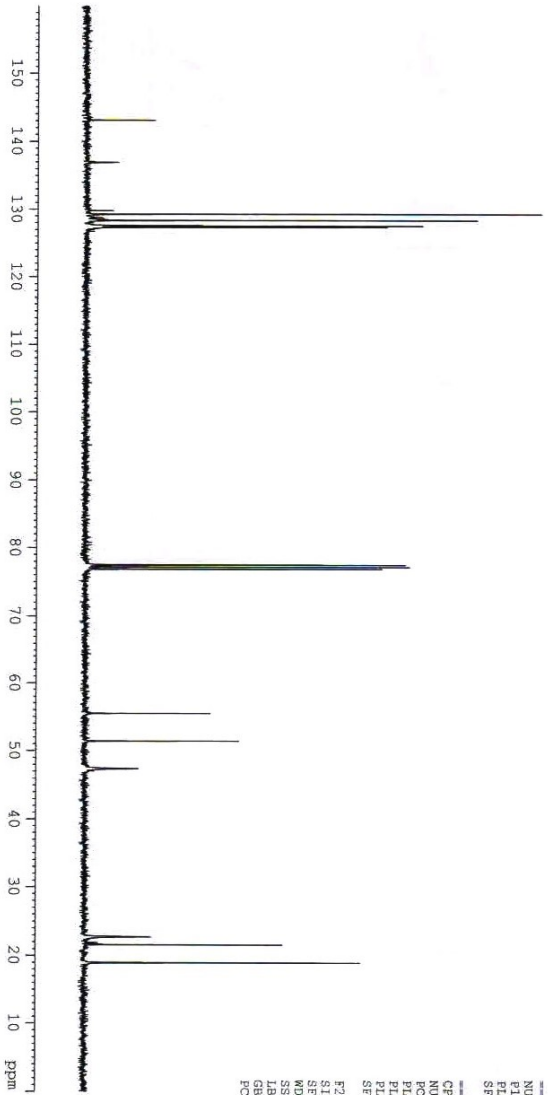
NAME waltz16
 NS 16
 BPCPDZ 80.00 usec
 PLM2 12.00000000 W
 PLM12 0.40792999 W
 PLM13 0.26107001 W
 SFO2 400.1516006 MHz

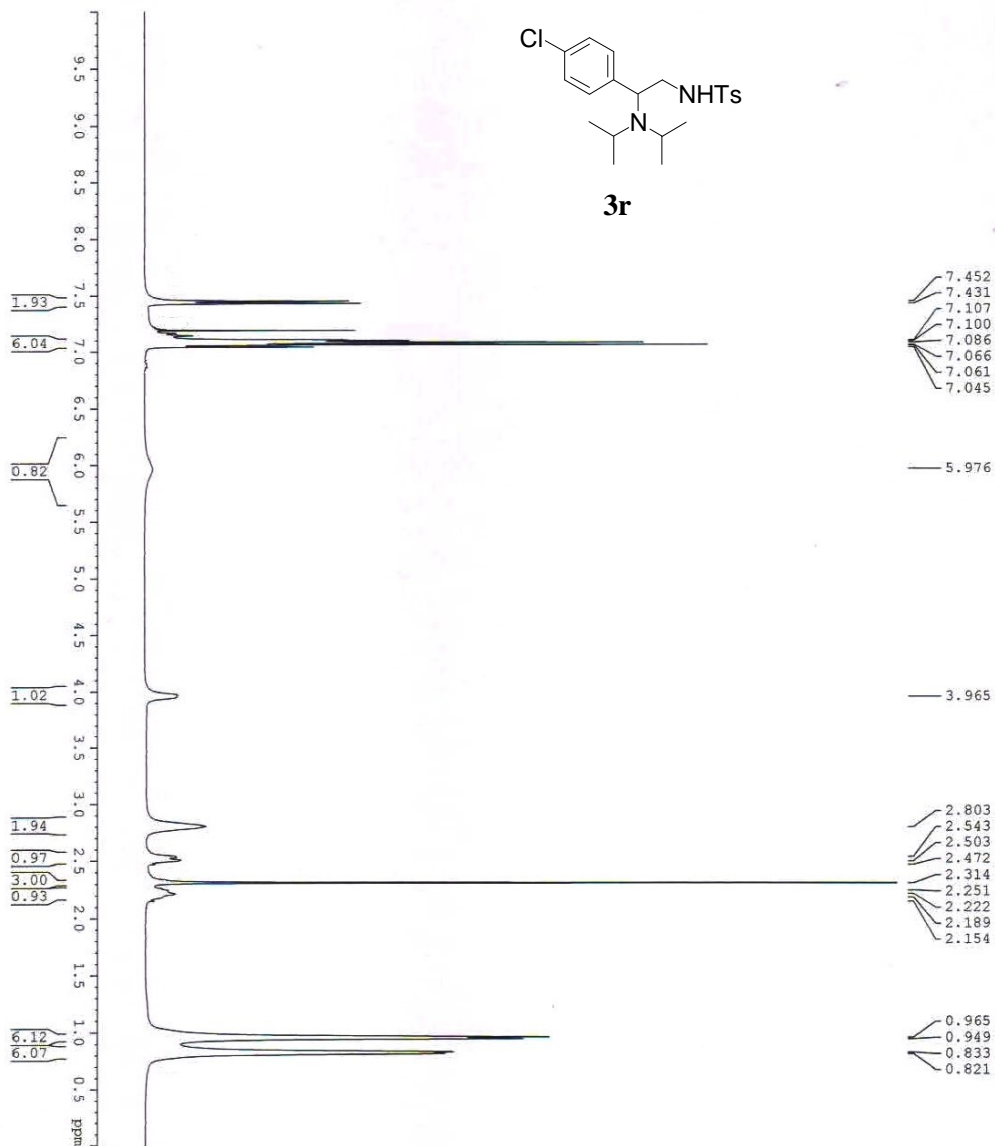
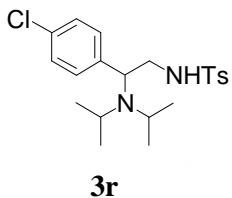
F1 - Processing Parameters

SI 16384
 SF 100.6177895 MHz
 WDW 0
 SSB 0
 LB 1.00 Hz
 GB 0
 SC 1.40

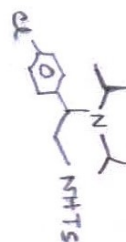


- 143.03
- 136.88
- 129.76
- 129.20
- 128.31
- 127.58
- 127.50
- 127.30
- 77.48
- 77.16
- 76.84
- 55.43
- 51.36
- 47.37
- 22.70
- 21.55
- 18.94





- 7.452
- 7.431
- 7.107
- 7.100
- 7.086
- 7.066
- 7.061
- 7.045
- 5.976
- 3.965
- 2.803
- 2.543
- 2.503
- 2.472
- 2.314
- 2.251
- 2.222
- 2.189
- 2.154
- 0.965
- 0.949
- 0.833
- 0.821



Current Data Parameters
 NAME Dr. A MAJEE
 EXPNO 1055
 PROCNO 1

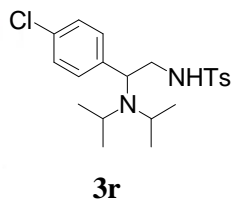
F2 - Acquisition Parameters

Date_ 20150303
 Time 16.28
 INSTRUM spect
 PROBD 5 mm PABBO BR/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 SH 1
 SFO 8223.682 Hz
 FIDRES 0.2510967 Hz
 AQ 1.9623444 sec
 RG 67.81
 DW 60.880 usec
 DE 6.50 usec
 TE 296.8 K
 D1 1.00000000 sec
 TDO 1

CHANNEL F1

NUC1 ¹H
 P1 14.75 usec
 PLM1 11.9949989 W
 SFO1 400.1524711 MHz

F2 - Processing parameters
 SI 16384
 SF 400.1500366 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 FC 1.00



143.36
136.76
129.82
129.32
128.68
128.53
127.55
127.30

77.48
77.16
76.84

54.90
51.26
47.44

22.72
21.59
18.98



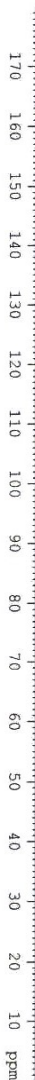
Current Data Parameters
NAME Dr. A.VAJEE
EXPRNO 1056
PROCNO 1

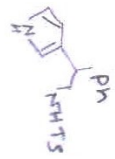
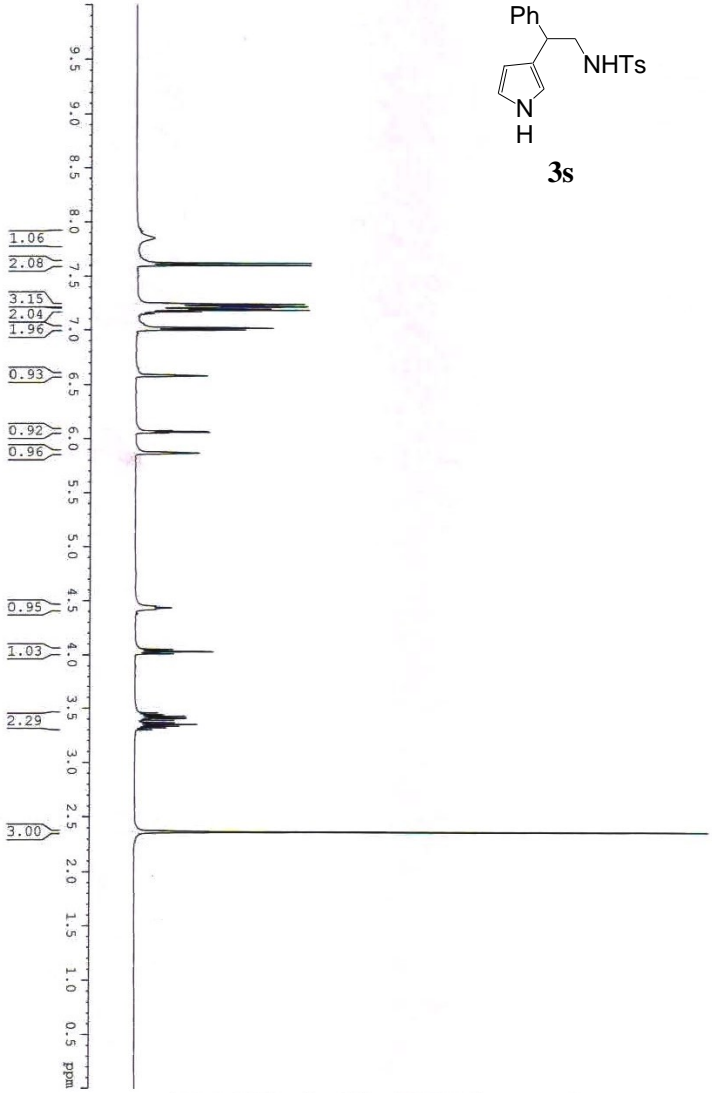
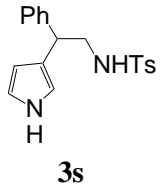
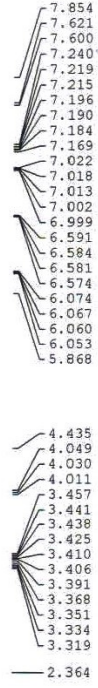
F2 - Acquisition Parameters
Date_ 20150303
Time 16.57
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 316
DS 2
SWH 24038.461 Hz
FIDRESS 31314.6 Hz
AQ 0.681424 sec
RG 67.81
DM 20.800 usec
DE 6.50 usec
TE 297.3 K
F2 2.0027000 sec
D11 0.03000000 sec
TD0 1

CHANNEL F1
NUC1 13C
P1 8.00 usec
PL1 0.00 dB
SFO1 100.6278588 MHz

CHANNEL F2
CPDPRG2 waltz16
NUC2 1H
P2 12.00 usec
PL2 0.00 dB
PLM12 0.40792999 W
PLM13 0.26107001 W
SFO2 400.1516006 MHz

F2 - Processing parameters
SI 16384
SF 100.6177848 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.10



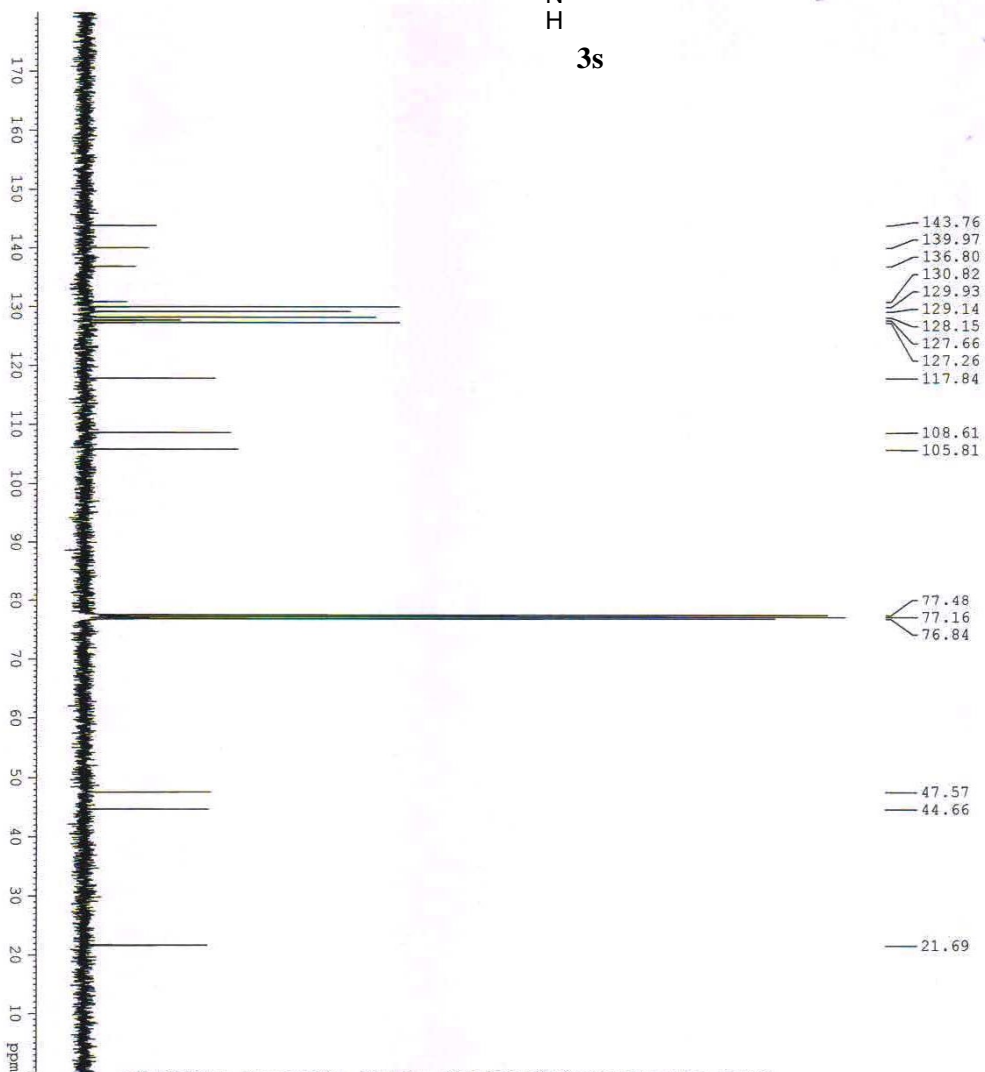
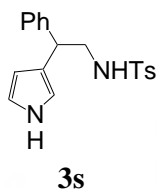


Current Data Parameters
 NAME: Dr. A MAJE
 EXPNO: 1057
 PROCNO: 1

F2 - Acquisition Parameters
 Date_ Time: 20150307 13:20
 INSTRUM: spect
 PROBRD: 5 mm PABBO BB/
 PULPROG: zg30
 TD: 32768
 SOLVENT: CDCl3
 NS: 32
 DS: 2
 SWH: 8223.689 Hz
 FIDRES: 0.629467 Hz
 AQ: 1.992844 sec
 RG: 43.146
 DW: 60.800 usec
 DE: 6.50 usec
 TE: 296.1 K
 D1: 1.00000000 sec
 TDO: 1

CHANNEL F1
 NUCL1: 1H
 P1: 14.71 usec
 PL1: 11.9945968 W
 SFO1: 400.1524711 MHz

F2 - Processing parameters
 SI: 16384
 SF: 400.1500392 MHz
 WDW: EM
 SSB: 0
 LB: 0.30 Hz
 GB: 0
 PC: 1.00



- 143.76
- 139.97
- 136.80
- 130.82
- 129.93
- 129.14
- 128.15
- 127.66
- 127.26
- 117.84

- 108.61
- 105.81

- 77.48
- 77.16
- 76.84

- 47.57
- 44.66

- 21.69



Current Data Parameters
 NAME: OF_ A WADDE
 EXPNO: 1079
 PROCNO: 1

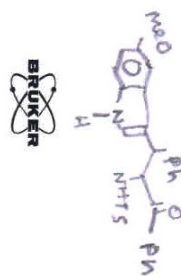
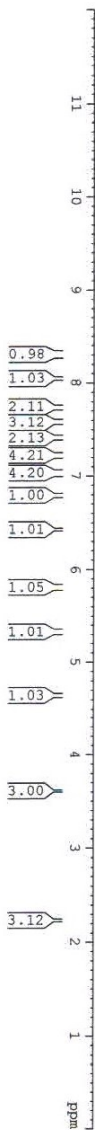
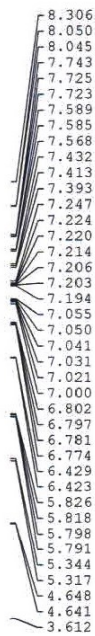
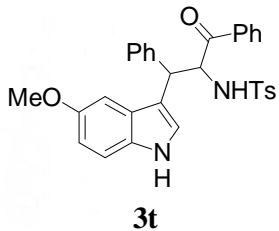
F2 - Acquisition Parameters
 Date_: 20150307
 Time: 13:41
 Name: 13c41
 PULPROG: zgpg30
 TD: 32768
 SOLVENT: CDCl3
 NS: 180
 DS: 2
 SWH: 24038.461 Hz
 FIDRES: 0.733596 Hz
 AQ: 0.6818244 sec
 RG: 93.46
 DM: 20.900 usec
 DE: 1.00 usec
 TE: 297.2 K
 D1: 2.00000000 sec
 D11: 0.03000000 sec
 TDO: 1

CHANNEL f1
 NUC1: 13C
 P1: 8.90 usec
 PLM1: 54.0000000 W
 SFO1: 100.6278588 MHz

CHANNEL f2
 NUC2: 1H
 P2: 12.0000000 W
 PLM2: 12.0000000 usec
 SFO2: 400.151606 MHz

CPDPRG2: waltz16

E2 - Processing parameters
 SI: 32768
 SF: 100.6177834 MHz
 WDW: EM
 SSB: 0
 LB: 1.00 Hz
 GB: 0
 PC: 1.40



Current Data Parameters
 NAME Dr. A. MAJBE
 EKXNO 1080
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150420
 Time 15.05
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 2436
 FIDRES 32.768
 SOLVENT CDCl3
 NS 24
 DS 2
 SFR 8223.685 Hz
 FTRES 0.250967 Hz
 RG 1.9923444 sec
 DW 47.25
 DE 60.800 usec
 TE 6.50 usec
 TD 296.5 K
 D1 1.00000000 sec
 TDO 1

CHANNEL F1
 NUCL 1H
 P1 14.75 usec
 PLM1 11.99499989 W
 SFO1 400.1524711 MHz
 F2 - Processing parameters
 SI 163984
 SF 400.1500000 MHz
 KIDW EM
 SSB 0
 LB 0 0.30 Hz
 GB 0
 PC 1.00



Current Data Parameters
 NAME Dr. A MAJEE
 EXNO I081
 PROCNO 1

F2 - Acquisition Parameters

Date 20150420
 Time 15.33
 INSTRUM spect
 PROBHD 5 mm PABBO Bb/
 PULPROG zgpg30
 TD 299420
 FIDRES 0.133596 Hz
 SOLVENT CDCl3
 NS 320
 DS 2
 SSWH 24038.461 Hz
 FIDRES 0.733596 Hz
 AQ 0.6816244 sec
 RG 110
 RB 20.60 usec
 DE 6.50 usec
 TE 297.8 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TD0 1

===== CHANNEL f1 =====

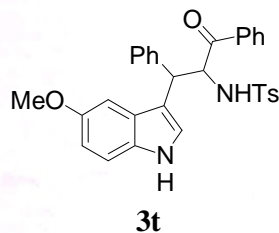
NUC1 13C
 P1 8.90 usec
 PLM1 54.00000000 W
 SFO1 100.6278588 MHz

===== CHANNEL f2 =====

CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PLM2 12.00000000 W
 PLM12 0.40792999 W
 PLM13 0.26107001 W
 SFO2 400.1516006 MHz

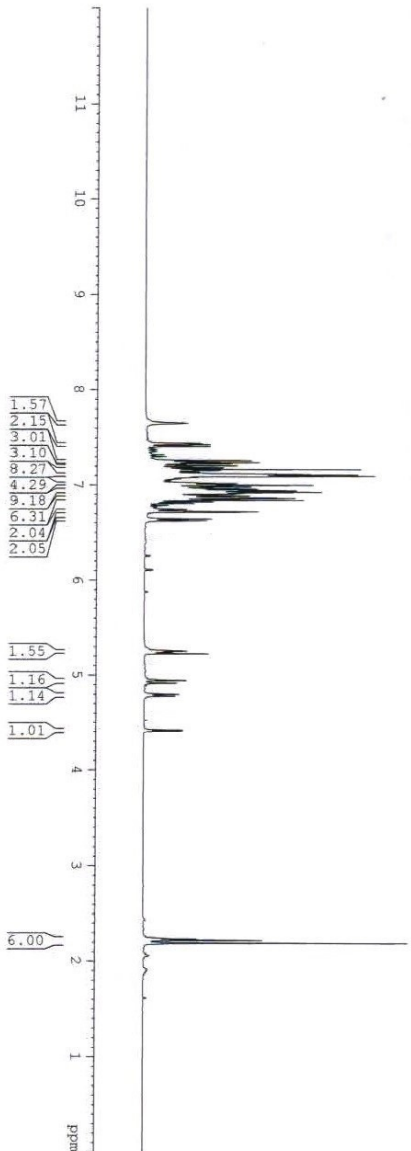
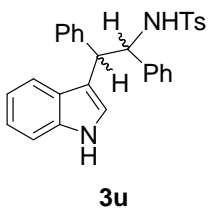
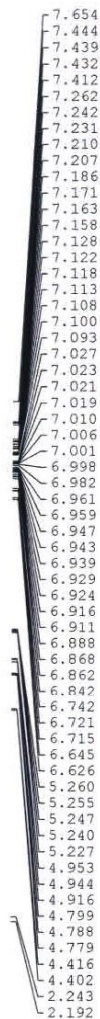
F2 - Processing parameters

SI 16384
 SF 100.6177901 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



- 196.10
- 153.80
- 143.71
- 137.26
- 136.23
- 134.36
- 133.96
- 131.31
- 129.61
- 129.56
- 128.90
- 128.35
- 128.23
- 127.56
- 127.47
- 127.36
- 124.12
- 114.92
- 112.00
- 111.95
- 101.14
- 77.48
- 77.16
- 76.84
- 60.49
- 55.78
- 45.11
- 21.45

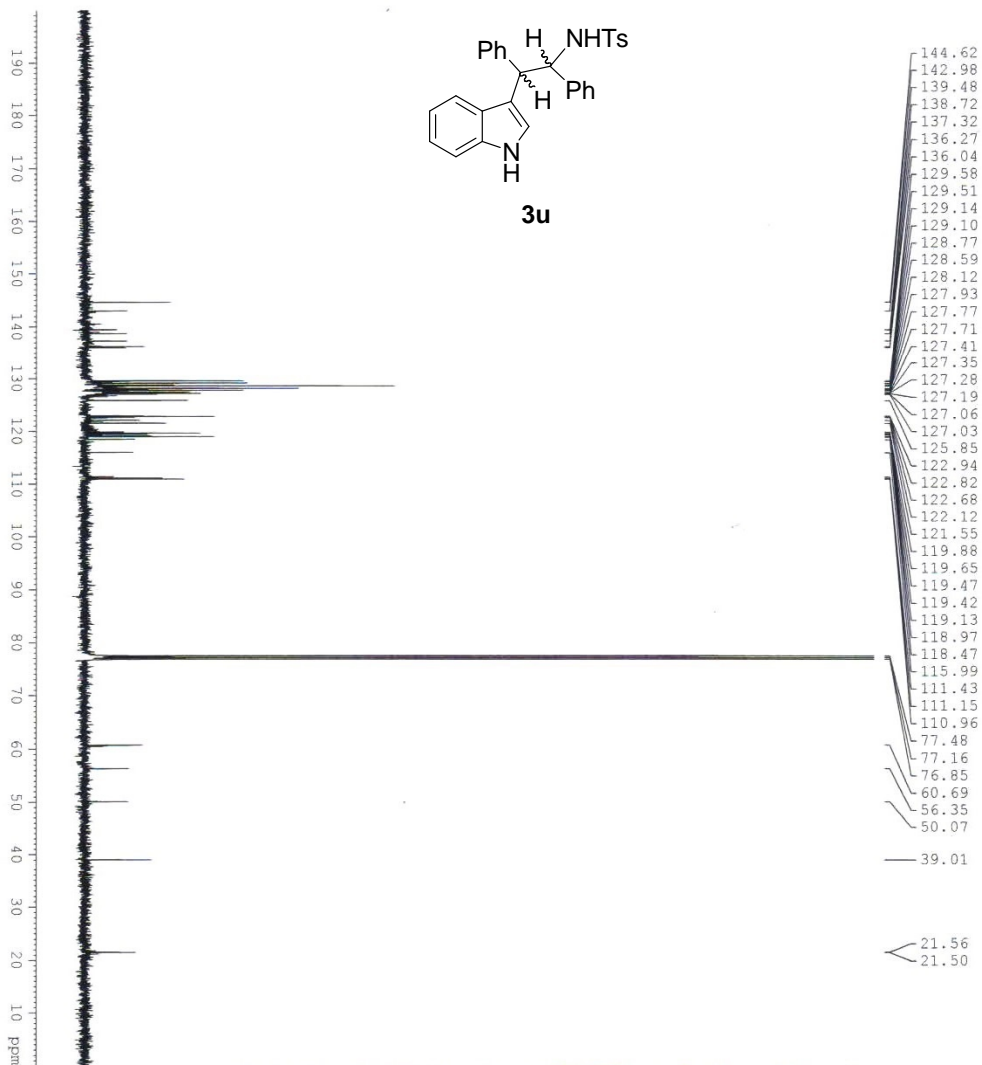
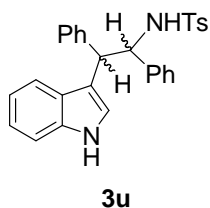




Current Data Parameters
 NAME Dr. A VAJEE 2015
 EXPNO 74
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150806
 Time 18.23
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 24
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.250967 Hz
 AQ 1.9923444 sec
 RG 93.46
 DW 60.800 usec
 DE 6.50 usec
 TE 298.0 K
 D1 1.00000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.76 usec
 PL1 11.99469989 W
 SFO1 400.1524711 MHz
 F2 - Processing parameters
 SI 16384
 SF 400.1500447 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



Current Data Parameters
 Name VBNC-262
 Dir. R_KM/DB_75
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20110904
 Time 13:04
 INSTRUM spect
 PROBNM 5 mm PABBO BB/
 PULPROG zgpg30
 TD 32768
 SFO 400.1516006
 SOLVENT CDCl3
 NS 2
 DS 2
 SWH 24038.461 Hz
 FIDRES 0.731596 Hz
 AQ 0.681674 sec
 RG 655.36
 TACQ 20.400 usec
 DEC 6.50 usec
 FE 259.2 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 D12 1

CHANNEL F1
 NUC1 13C
 P1 8.90 usec
 PL1 14.00000000 W
 SFO1 100.6218998 MHz

CHANNEL F2
 NUC2 1H
 P2 90.00 usec
 PL2 12.00000000 W
 PLM12 0.40792399 W
 PLM13 0.26107001 W
 SFO2 400.1516006 MHz

F2 - Processing Parameters
 SI 16384
 SF 100.617851 MHz
 KW 5M
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40